

Sing.

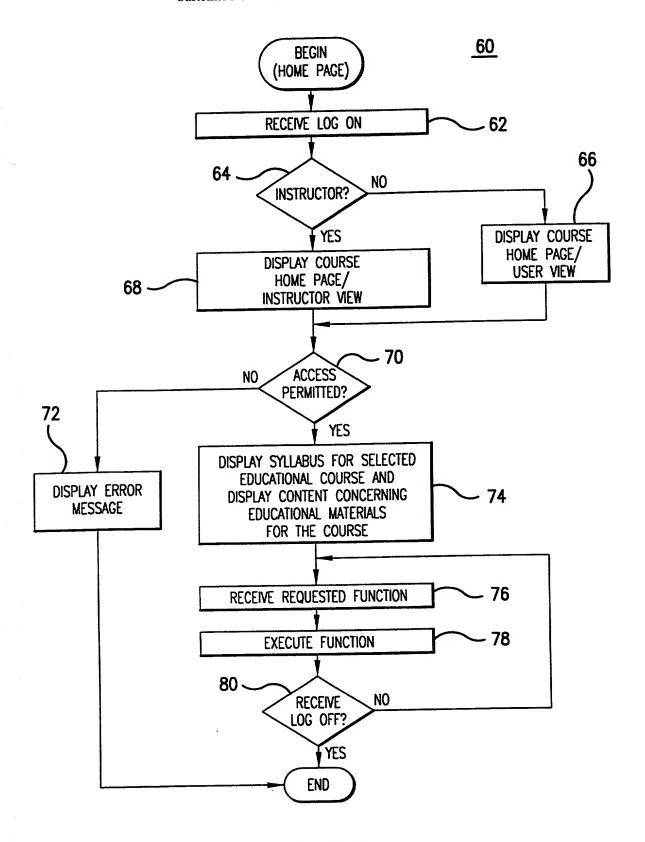


FIG. 1A

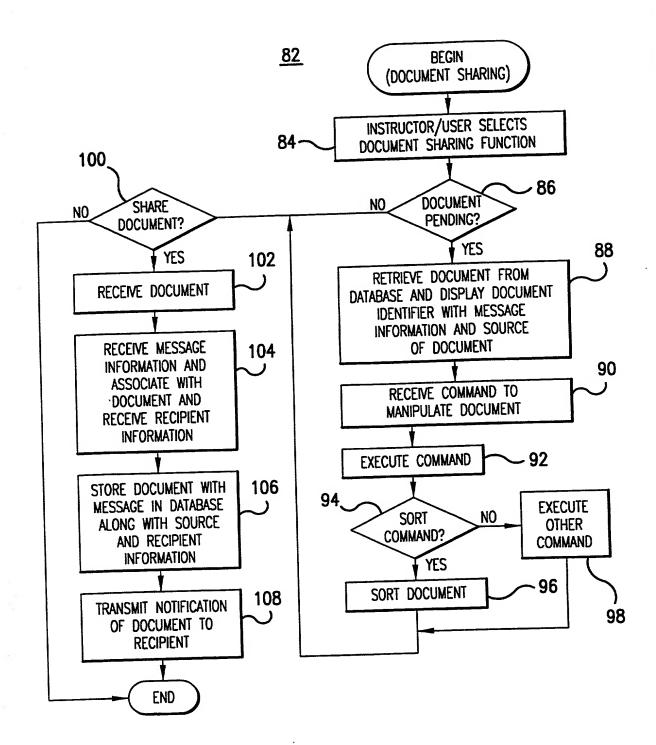


FIG. 1B

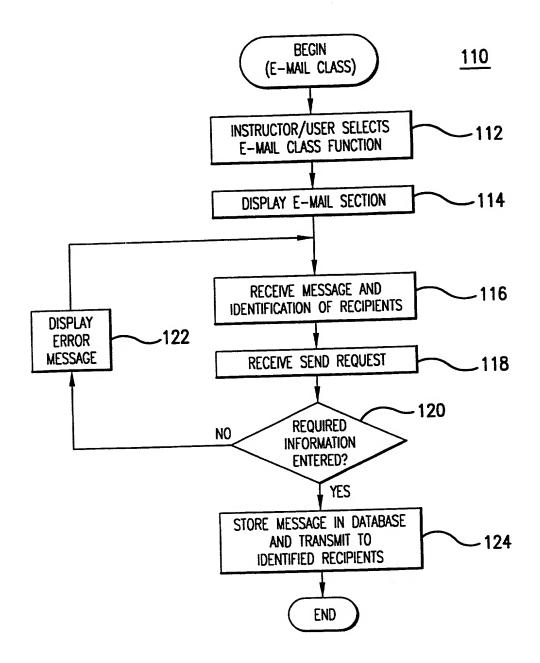


FIG. 1C

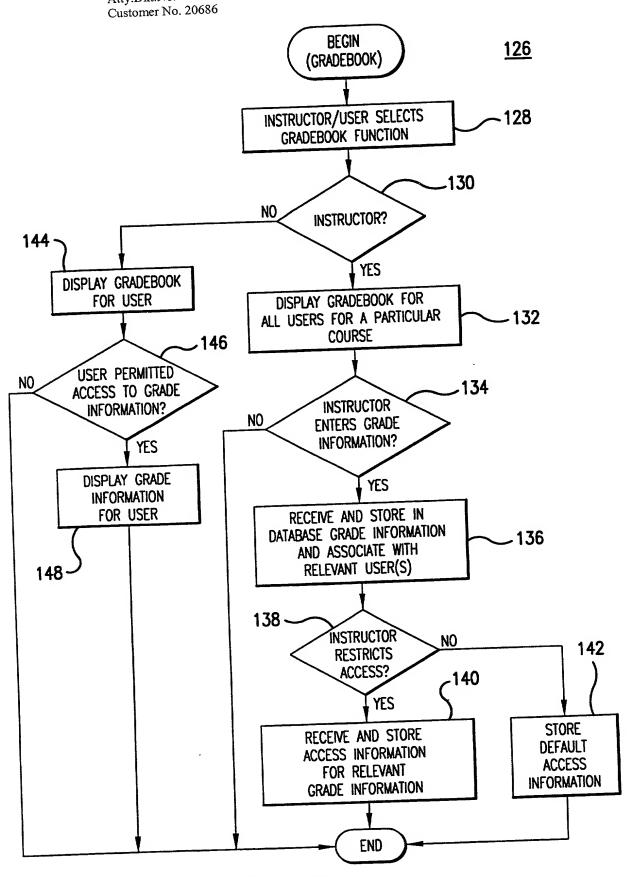


FIG. 1D

ELECTRONIC EDITOR TOOL FOR EDUCATIONAL COURSES... Atty.Dkt.No. 11610.02 Customer No. 20686 **BEGIN** 150 (MESSAGE CENTER) INSTRUCTOR/USER SELECTS 152 MESSAGE CENTER FUNCTION 154 NO MESSAGE PENDING? YES DISPLAY MESSAGE \_ 156 158 RECEIVE NO POST MESSAGE **REQUEST?** YES 160 NO INSTRUCTOR? YES DISPLAY MESSAGE - 162 SECTION RECEIVE MESSAGE 164 CONTENT RECEIVE POST 166 COMMAND STORE MESSAGE 168 IN DATABASE AND

POST ON-LINE

**END** 

FIG. 1E

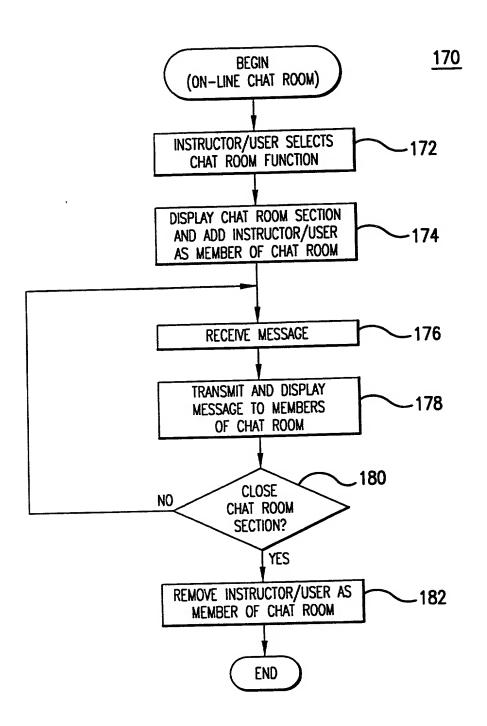
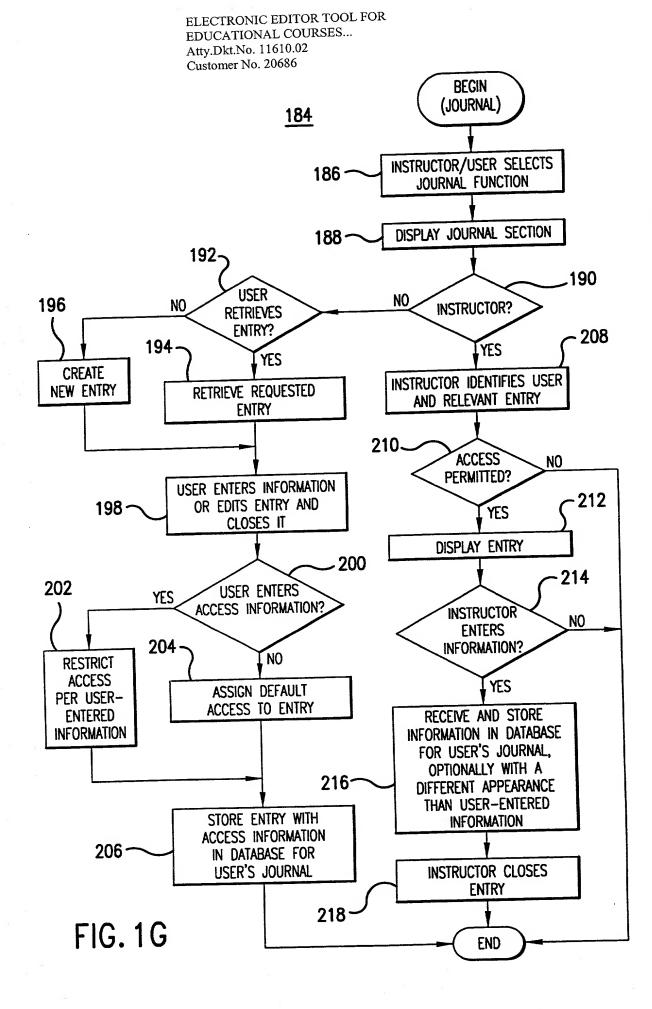


FIG. 1F



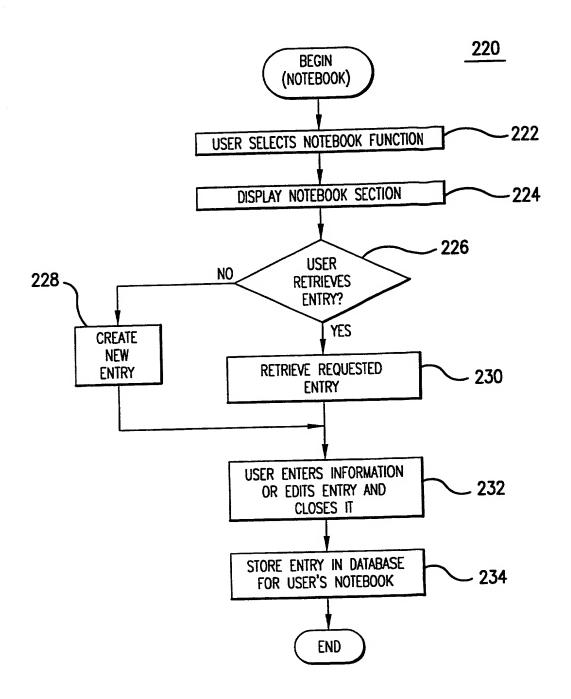


FIG. 1H

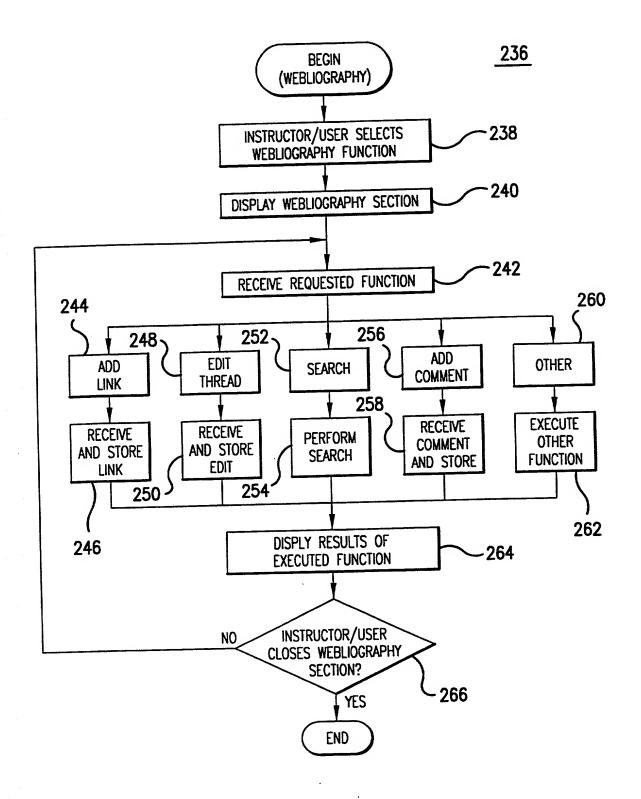


FIG. 11

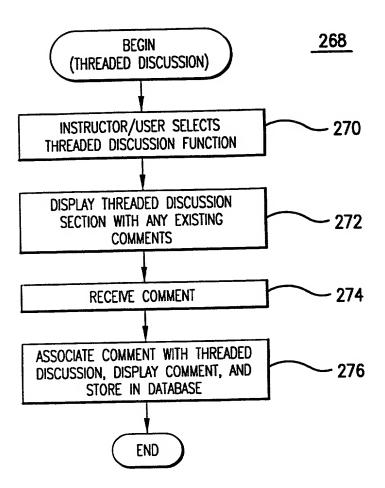
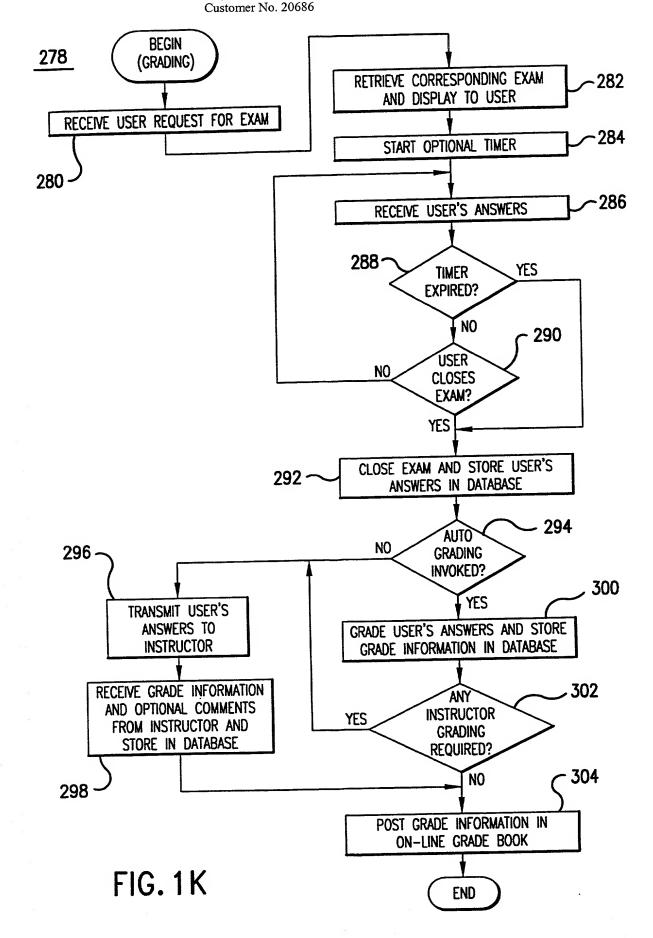
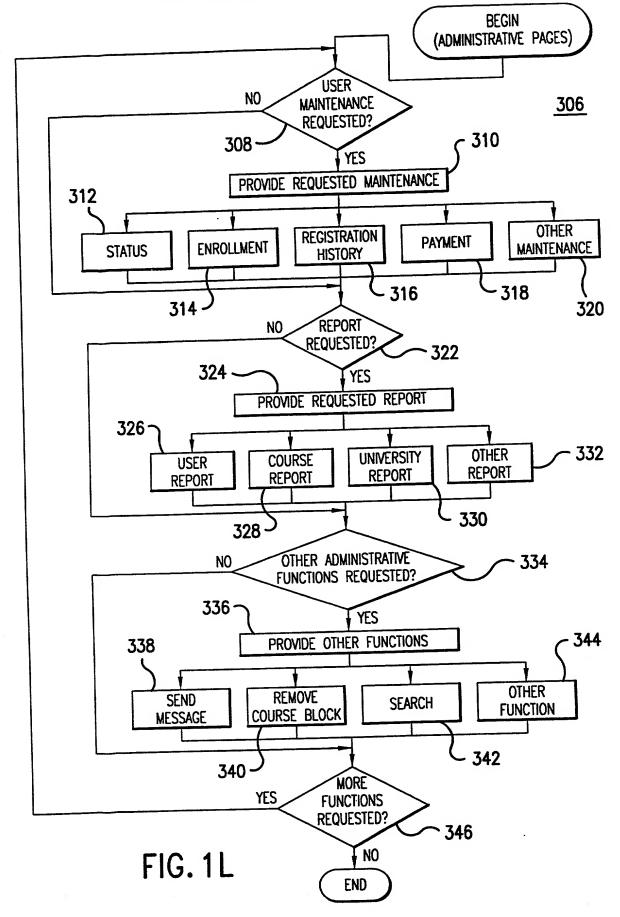


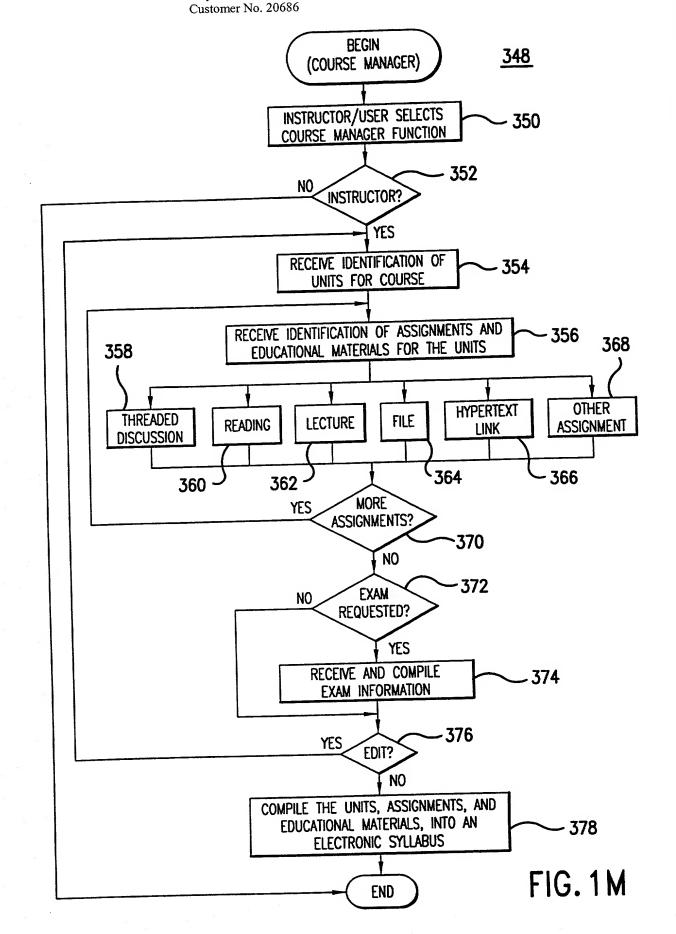
FIG. 1J



ELECTRONIC EDITOR TOOL FOR EDUCATIONAL COURSES...

Atty.Dkt.No. 11610.02 Customer No. 20686







| FIG.2F | FIG.2L | FIG.2R |
|--------|--------|--------|
| FIG.2E | FIG.2K | FIG.2Q |
| FIG.2D | FIG.2J | FIG.2P |
| FIG.2C | FIG.21 | FIG.20 |
| FIG.2B | FIG.2H | FIG.2N |
| FIG.2A | FIG.2G | FIG.2M |

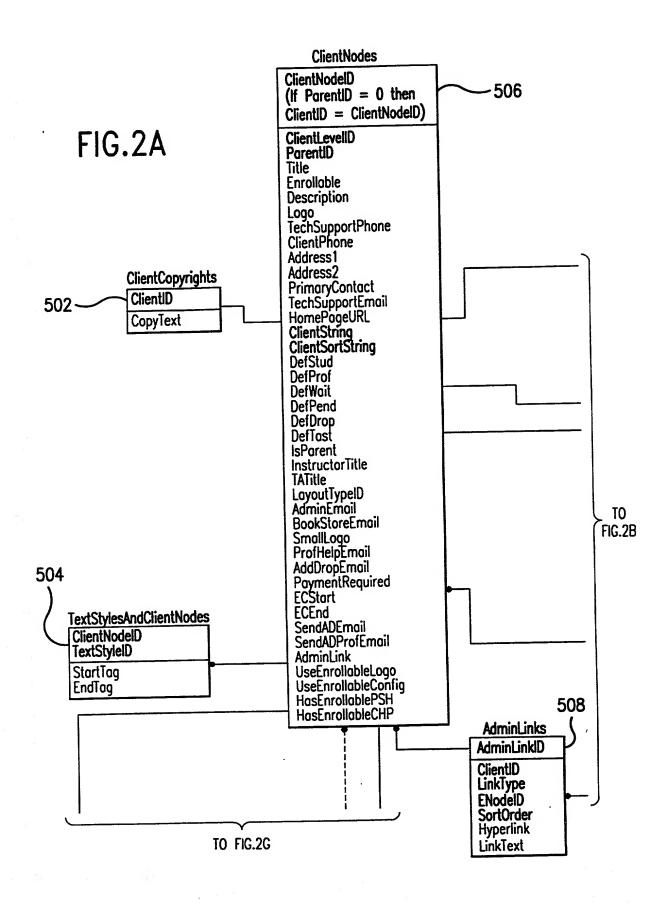
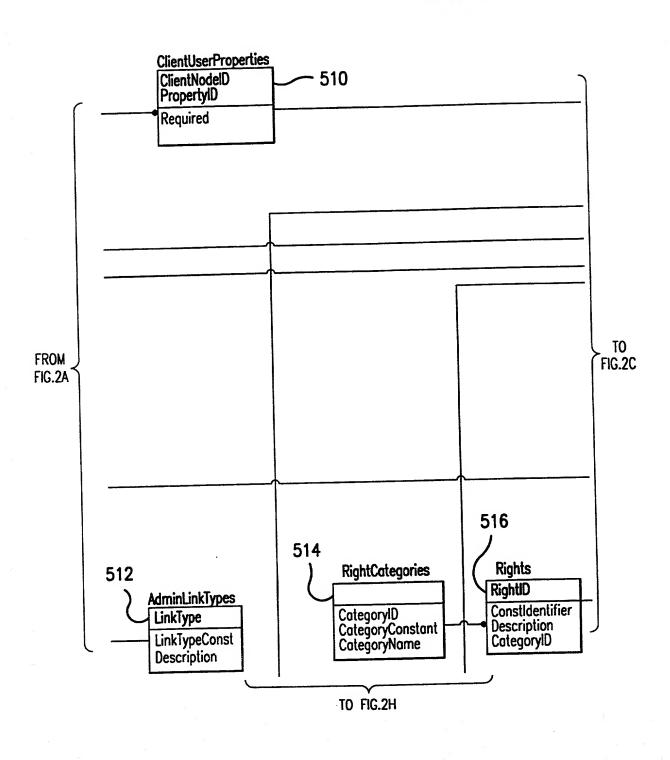
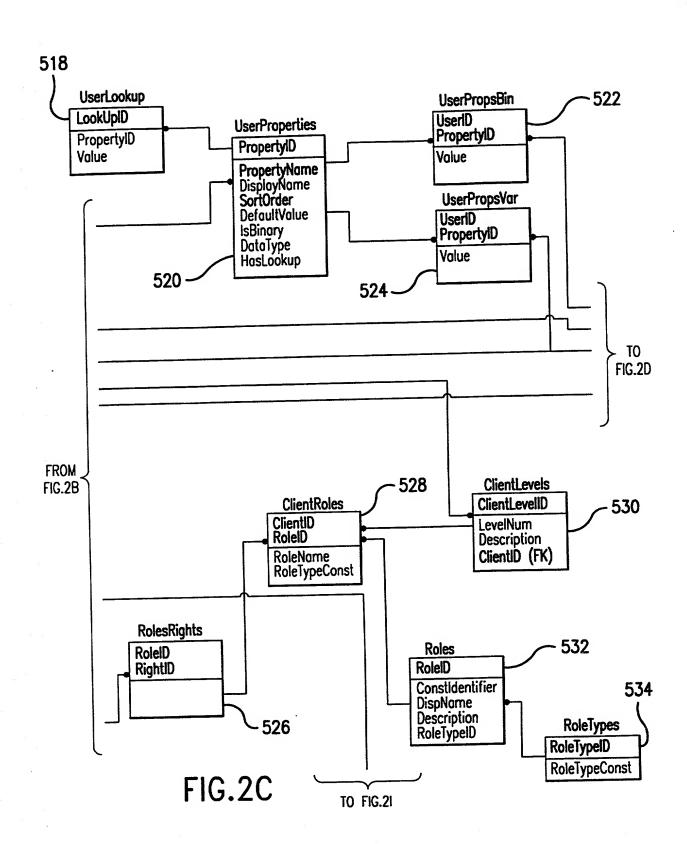


FIG.2B

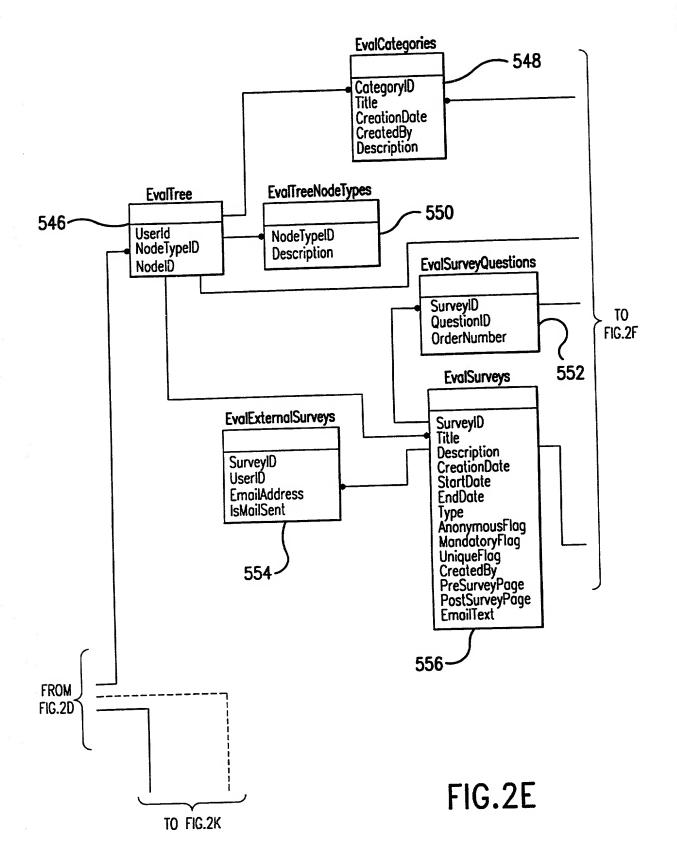


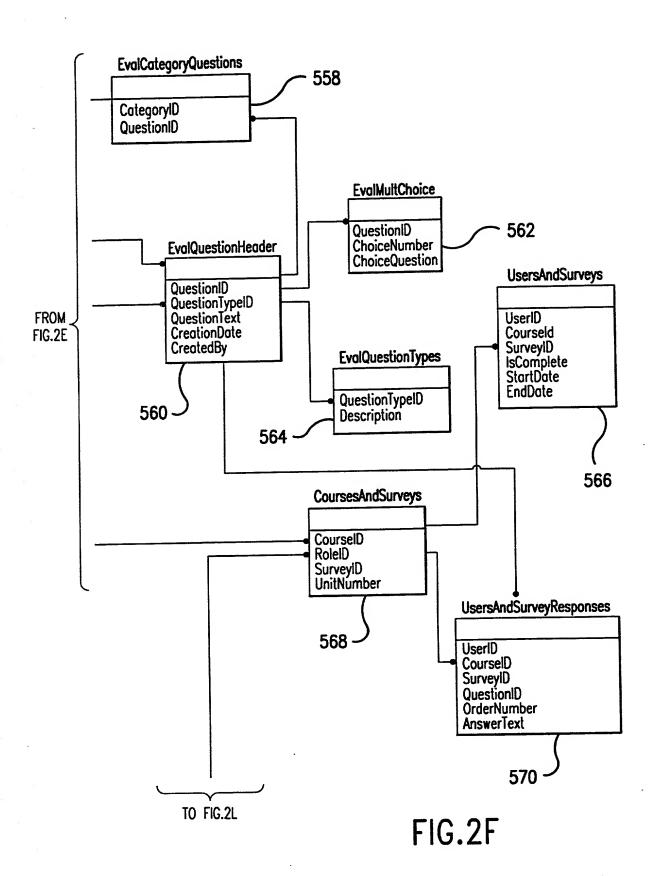


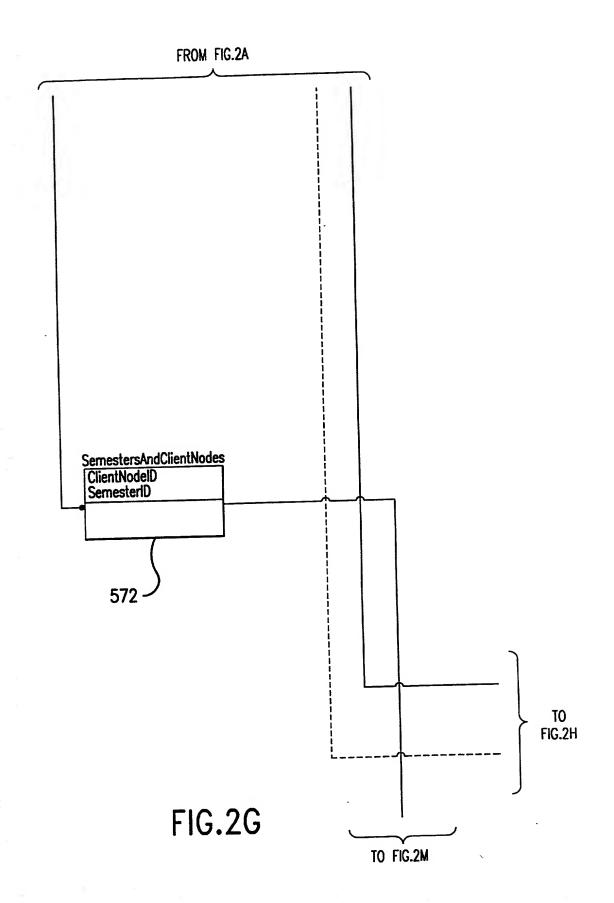
EDUCATIONAL COURSES... Atty.Dkt.No. 11610.02 Customer No. 20686 538 UserInquiry UserInquiryID FirstName MiddleName LastName EmailName **Ebook** Street1 Street2 536 City EbookID StateOrProvince UserID PostalCode RC Country HomeTelephoneNumber OfficeTelephoneNumber Reason S1 S2 S3 Pdate FaxNumber Age ISP PIN **ISPConnectionSpeed** MAC HeardAboutUs CourselD HeardAboutUsOther **AreaOfInterest** DegreeInterest **Users** Suggestions 540 UserID Comments AddToMailList ClientNodelD ClientID FirstName AgeRange LastName **FROM** USCitizen Title mail FIG.2C SSN CompanyName OperatingSystem Haslmage InternationalBusiness userPassword CareerChange InternationalBusinessLength CreateDate ModifyDate Gender Occupation CourseInterest Distance DistanceWhere Online **OnlineWhere** Department Institution TO FIG.2E **RUIDs** UsersMessages RUIDType RUID (Either UserlD 544 RUID CourselD) MessagelD isBlock 542 FIG.2D **IsEmail** HasRead

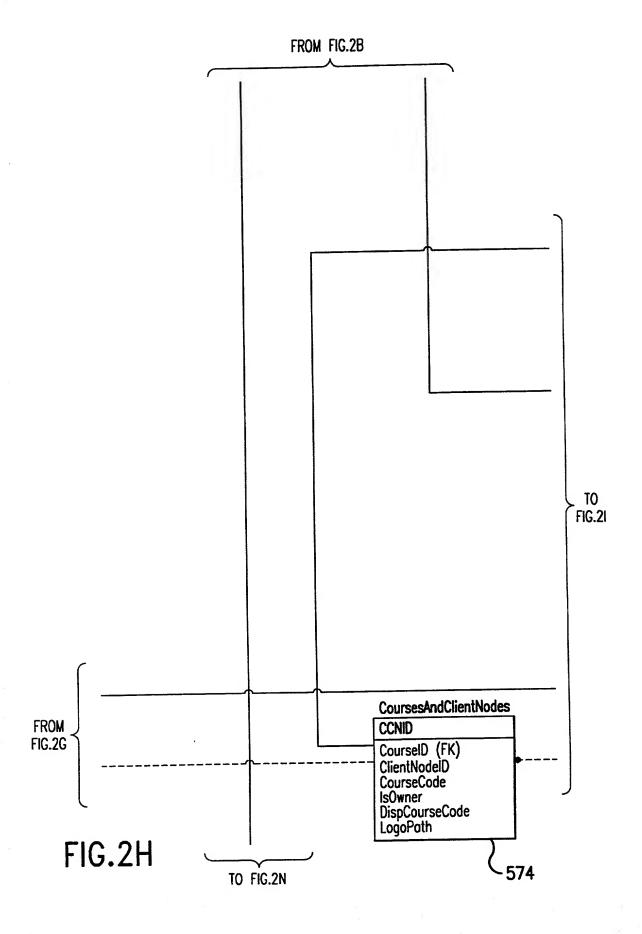
TO FIG.2J

ELECTRONIC EDITOR TOOL FOR









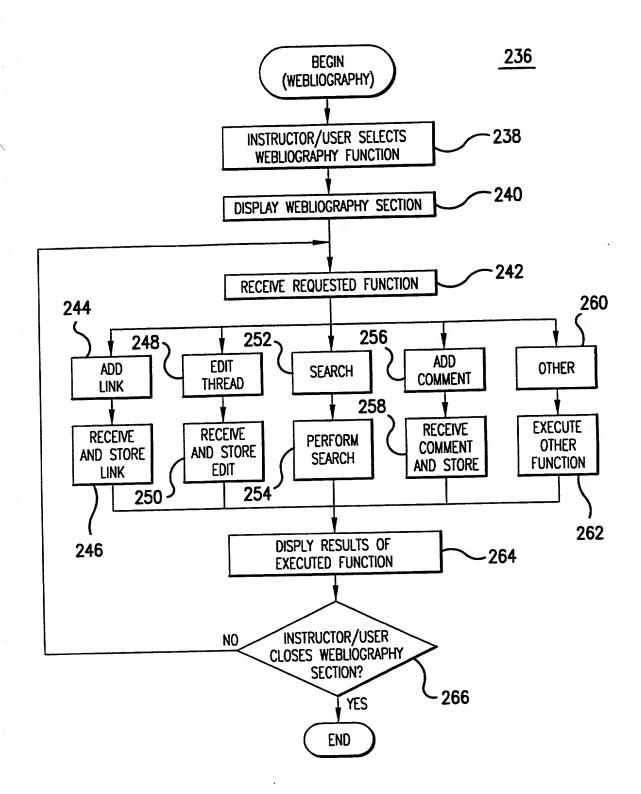


FIG. 11

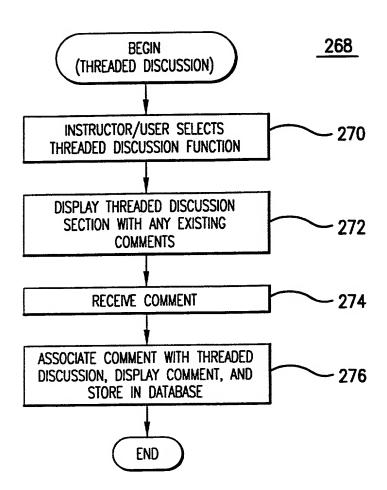
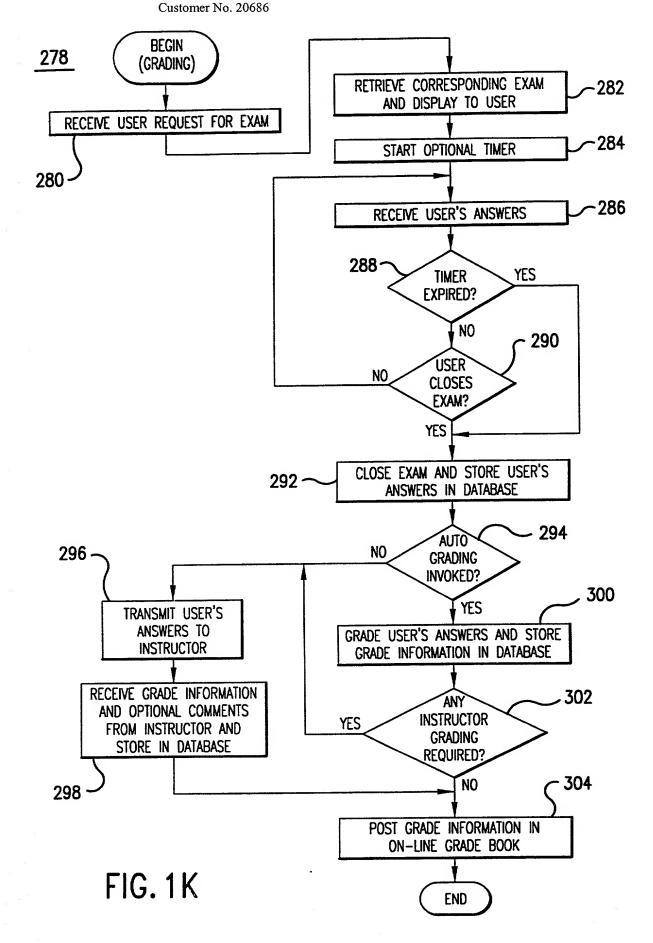
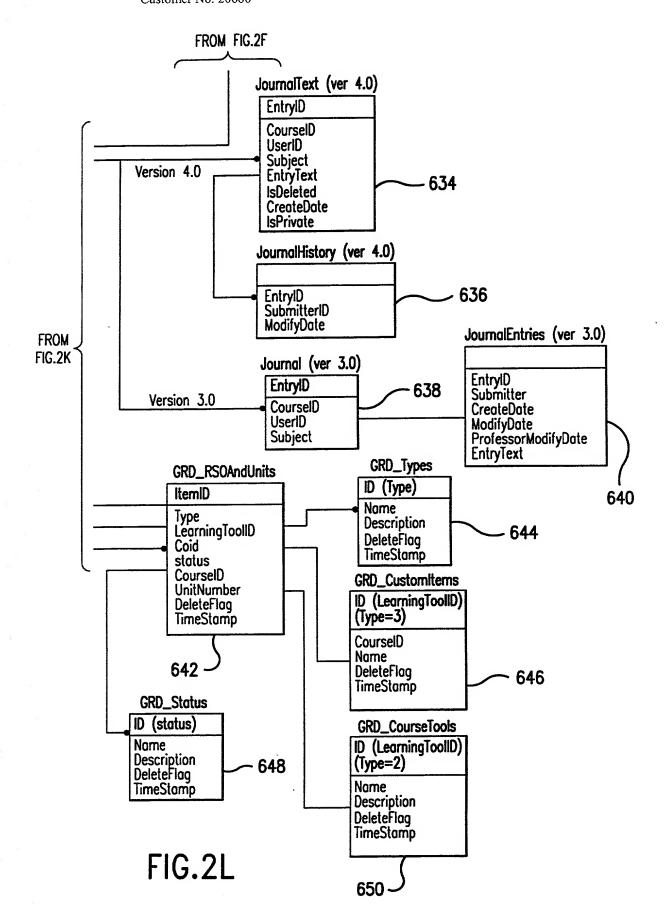
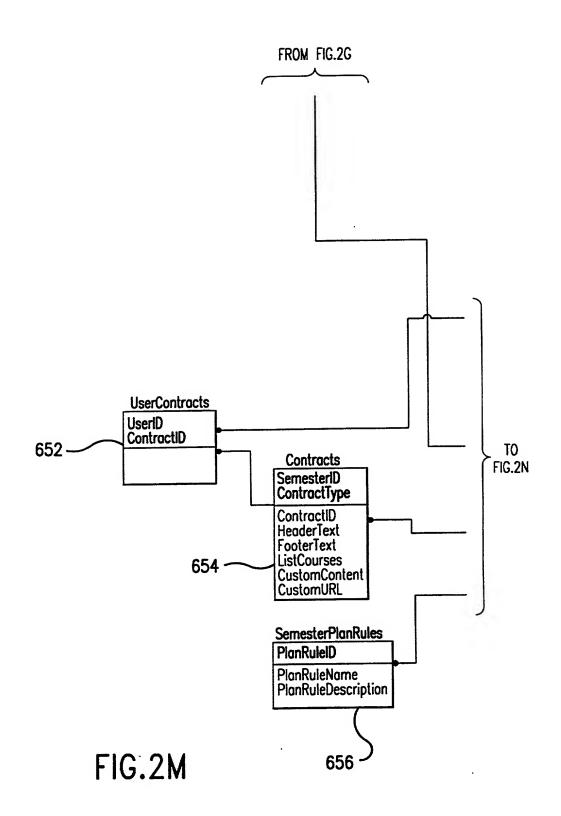
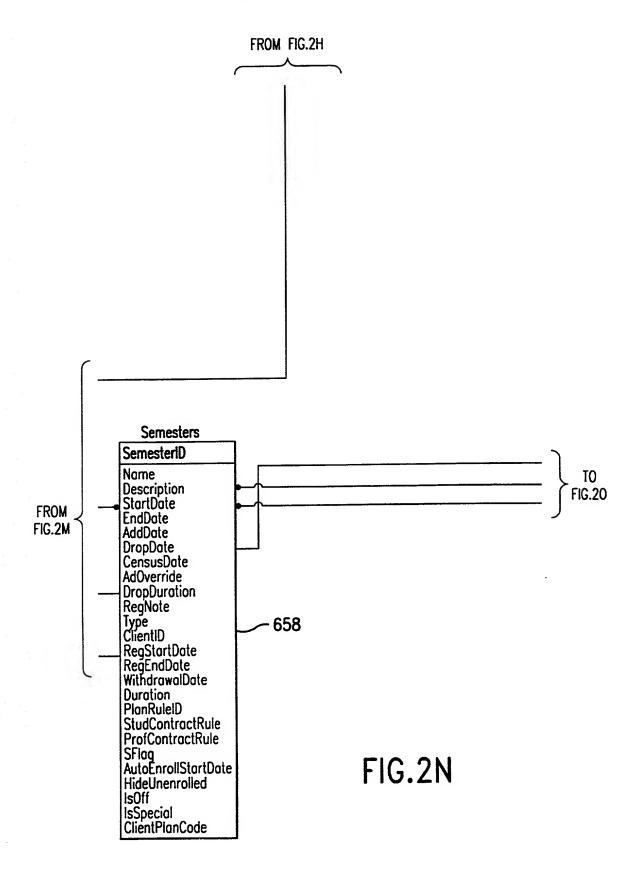


FIG. 1J

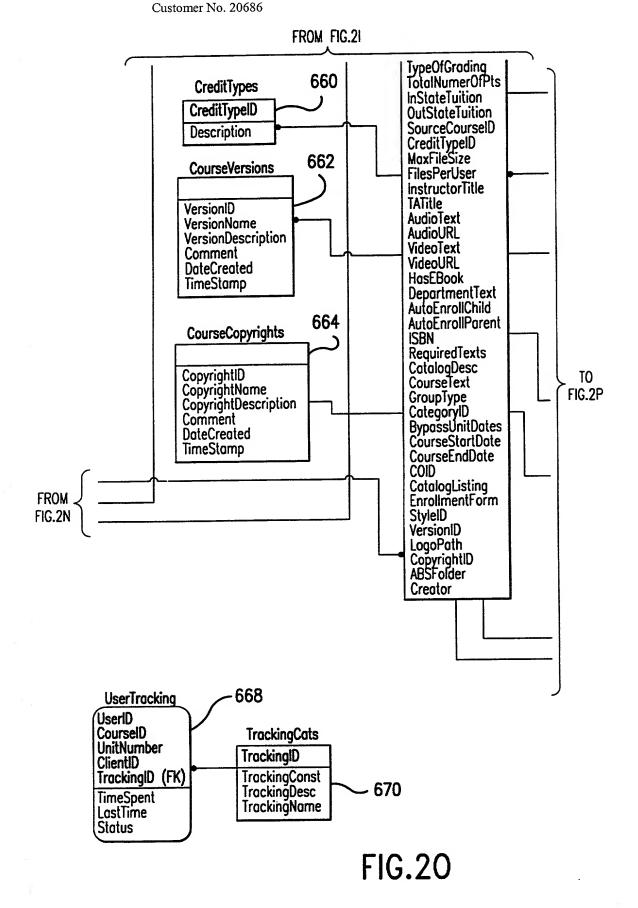


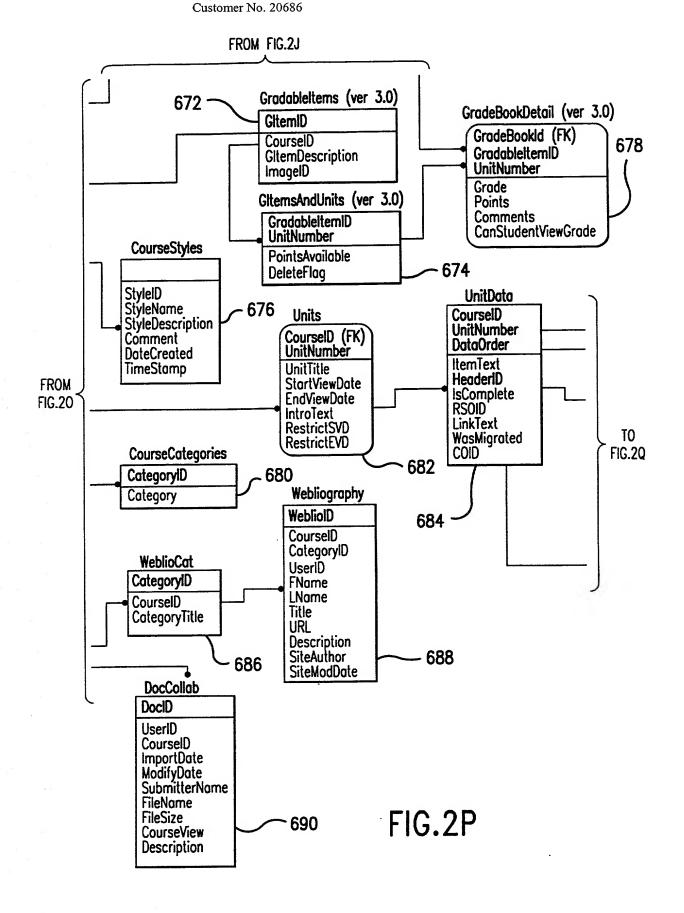






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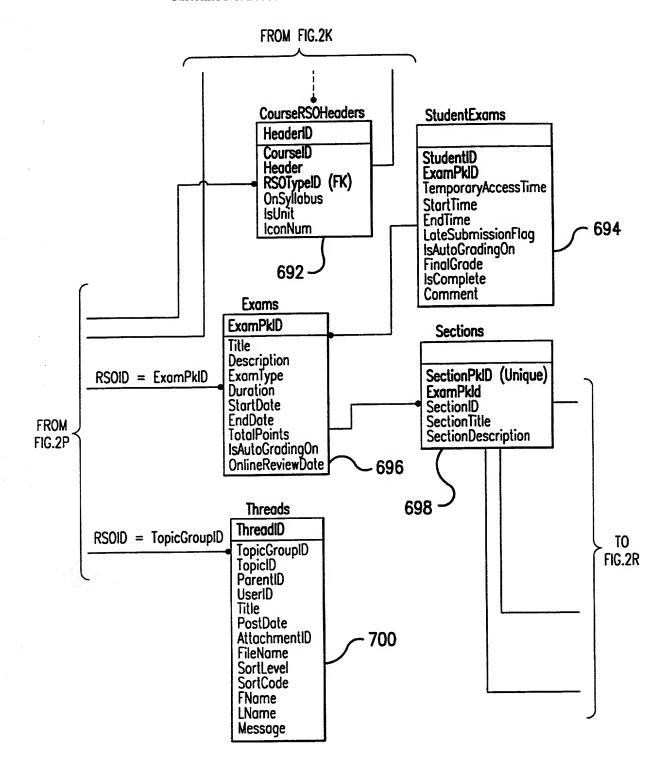
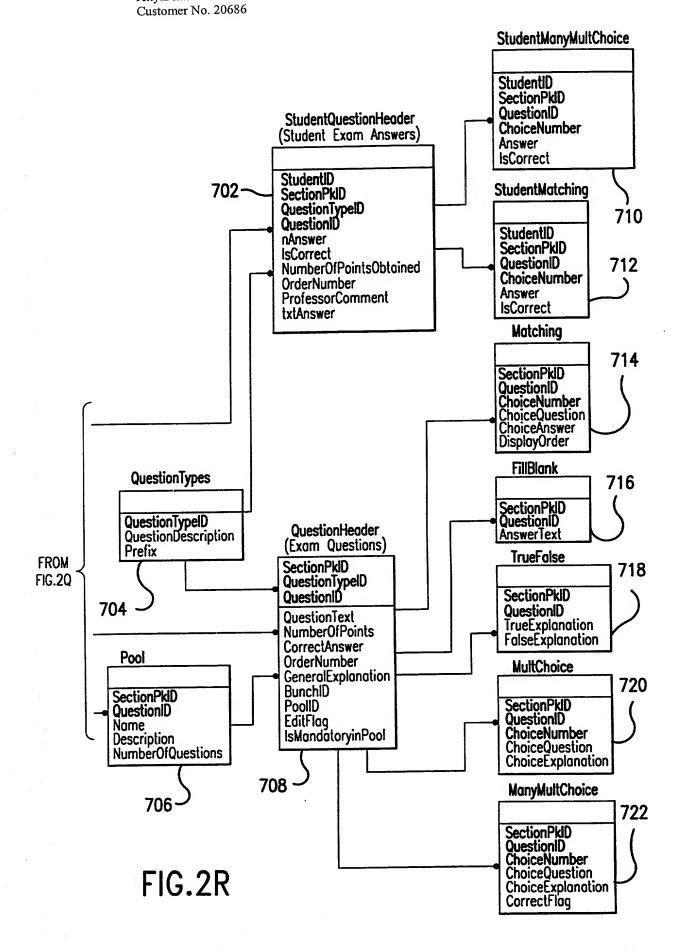


FIG.2Q

Erry ting



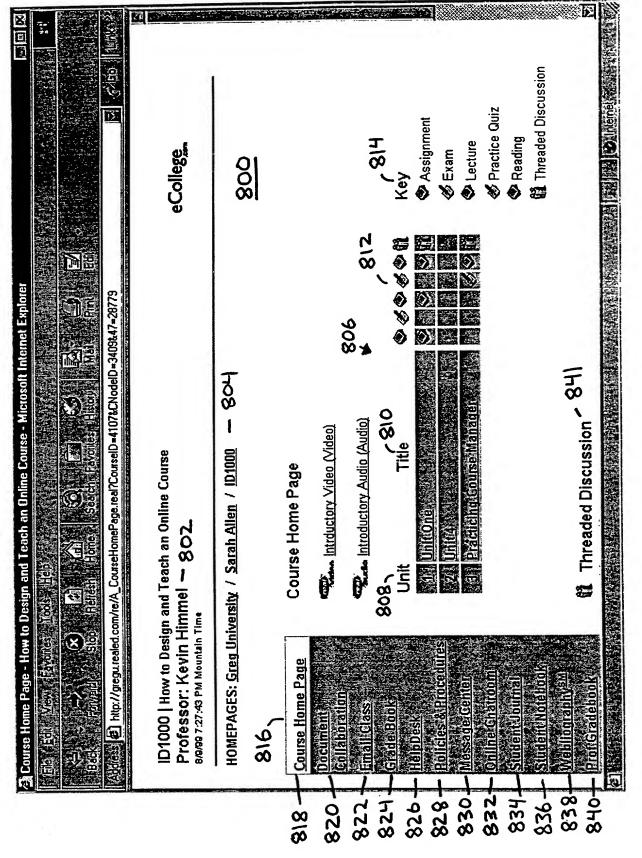


FIG. 3A

Course Home Page - student view - - -

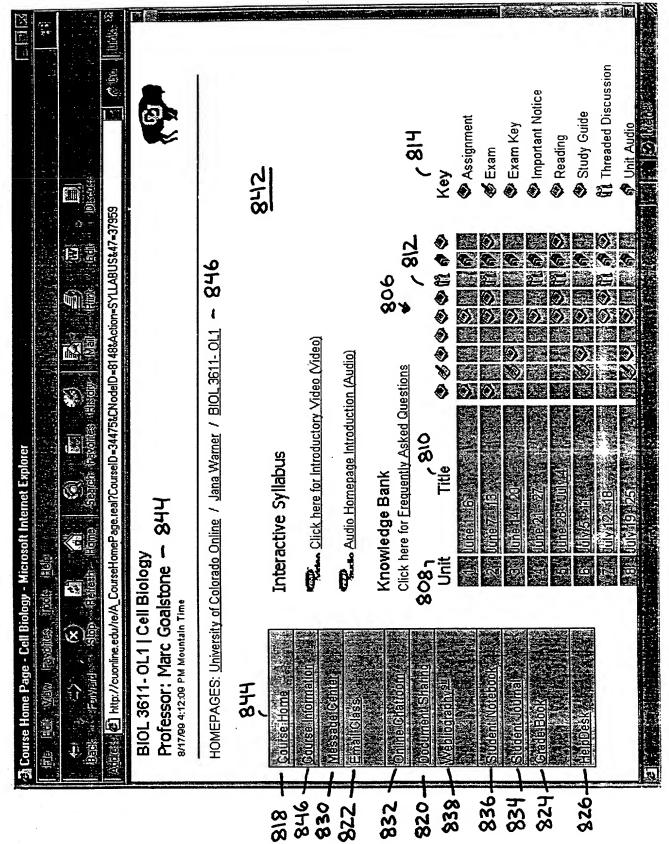
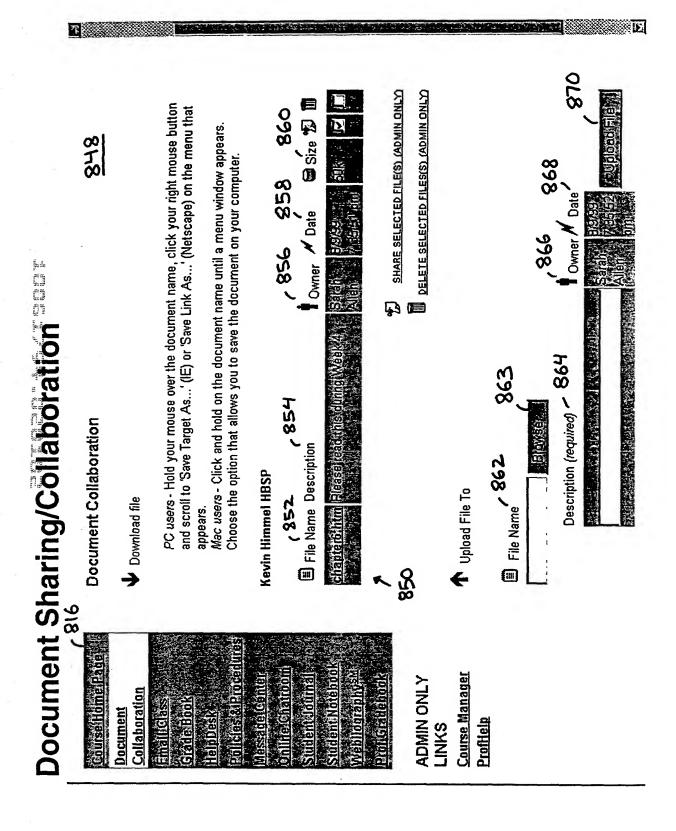


FIG 3B



F16.3C

ELECTRONIC EDITOR TOOL FOR EDUCATIONAL COURSES... Atty.Dkt.No. 11610.02 Customer No. 20686

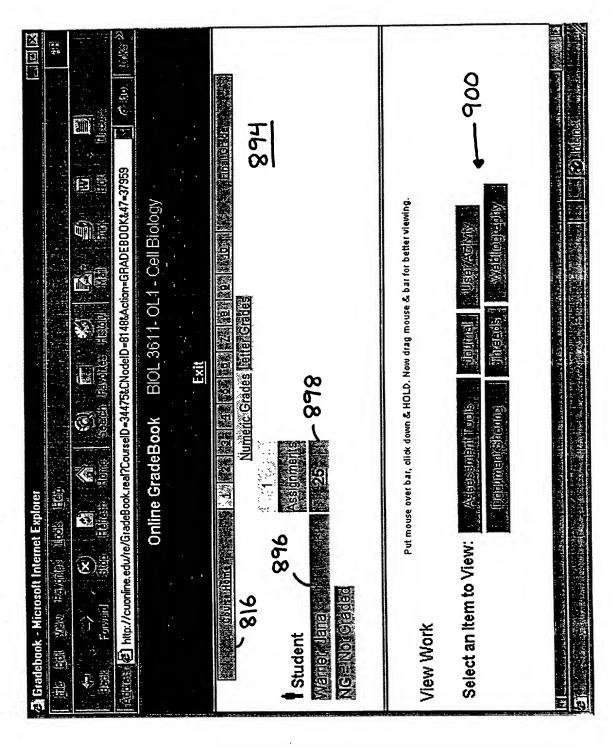
The second of the second s 872 http://cuonline.edu/re/A\_EmailCourse.real?Action=EMAIL\_C&List=0&CourseID=34475&CNodeID=8148&47=37959#email The last the tool than that it is that then it in the last then it is not that the ☐ Professor M. Goalstone (Marc.Goalstone@UCHSC.edu) L From: Jana Warner - 876 ンビ □ All Enrolled Users - 874
Show email list \*\* 818 Date: 8/17/99 Attachment: Cell Biology Message: Subject: 🐴 Course Home Page - Cell Biology - Microso FEMORES (BAND) 1886 email class (THE DAY 918 **国的** 

### Gradebook

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ELECTRONIC EDITOR TOOL FOR EDUCATIONAL COURSES... Atty.Dkt.No. 11610.02 Customer No. 20686

F16.3E



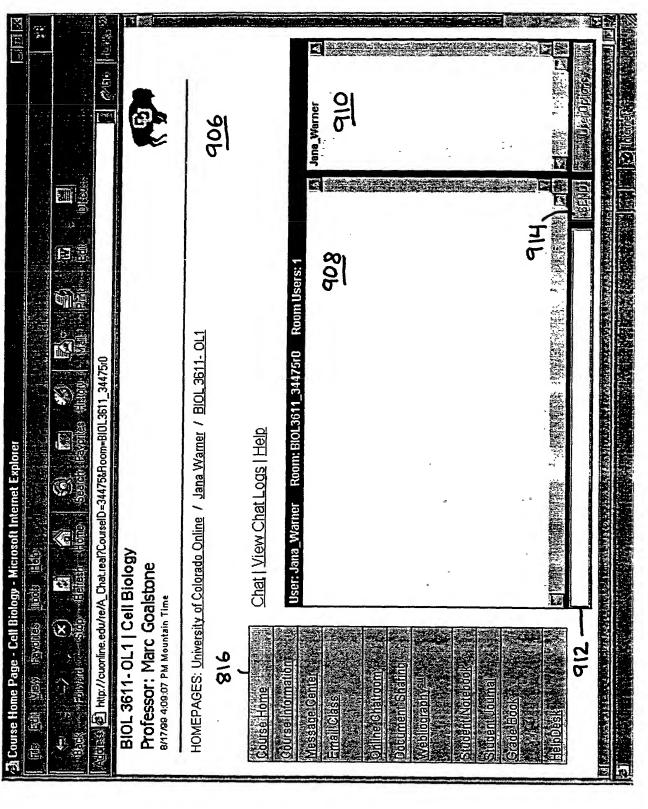
F16, 3F

### Message Center

| Addies [4]   [4] |  |                         | ī    |
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| Case   Kevin Himmel HBSP<br>Professor: None  | eCollege,  | 929                     | 1281 |
| HOMEPAGES: <u>Greg University</u> / <u>Sarah Allen</u> / <u>Case</u> / <u>816</u>  | ah Allen / Case  | 402                     |      |
| iomedeactiv<br>odom  | Message Center  906  ◆Post a message (admin only)                                |                         |      |
| nures  | Allen   8/9/99 7:33:13 PM onday Il be a test on Monday instead of Friday. Please | ete by 9:00 pm. Thank   | - N. |
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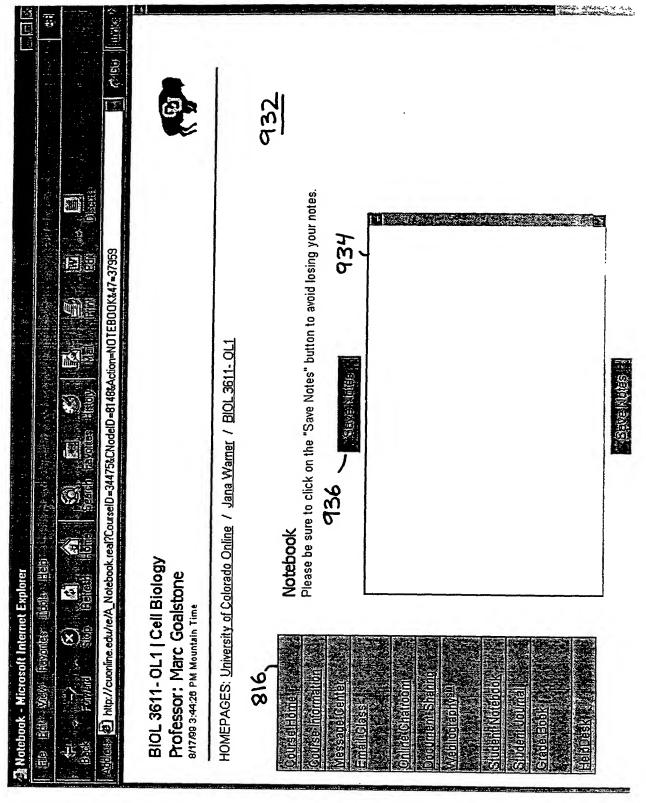
Online chatroom



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### 918 eCollege... 920 2678 Last modified by student: 8/9/99 7:41:18 PM EXPAND ALL | COLLAPSE ALL Last modified by student: 8/9/99 7:39:43 PM Last modified by instructor: Not modified --> Start New Journal Entry - 918 comments: im glad you enjoyed it HOMEPAGES: Greg University / Sarah Allen / Case Student Journal What I think ENTRIES Case | Kevin Himmel HBSP 8/9/99 7:40:23 PM Mountain Time Professor: None 918 Course Manager Student Journal **ADMIN ONLY** Profflelp LINKS

Student Journal



1

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### Webliography

BIOL 3611 | Cell Biology Professor: prof prof 8/8/89 7:52:28 PM Mountain Time

eCollege,

HOMEPAGES: Greg University / Sarah Allen / BIOL 3611

• add new entry - 940 Webliography

ELECTRONIC EDITOR TOOL FOR EDUCATIONAL COURSES...

Atty.Dkt.No. 11610.02 Customer No. 20686

938

Results 2 item(s) are in the webliography.

• Great Resource Description: This is a great source to find content in cell biology – 948

DELETE (ADMIN ONLY)

• My favorite / 950 Description: This is where you can talk to other cell biology researchers – 952

DELETE (ADMIN ONLY)

WebliographysM

ADMIN ONLY LINKS

Course Manager

ProfHeln

FIG 3K

HOMEPAGES: Greg University / Sarah Allen / Orientation Course / Unit 5: How Do I Communicate with my P... 456 pioneering types who has been down this road before, perhaps you have experiences or advice to offer those who are now joining you in this new More and more people are taking courses online. If you are one of the This is great - I am really excited about taking my course online Thread Topics

(1 Why are you taking an online course?

(1 Have ever taken a course online before? < 958 L This is great - I am... Susan Karson | 8.9.99 7:54:49 pm RESPOND TO THIS POST | DELETE THIS POST (ADMIN ONLY) Have ever taken a course online before? Responses 968 970 display by: IOPIC | DATES | AUTHOR — 972 Keith Millner | 7.21.99 4:13:08 pm academic environment. ADD A TOPIC (ADMIN ONLY) show expanded view S Home Age (22) 918 ADMIIN ONLY Course Manager aboration Profilelp

F16. 3L

### 

### Student Exam

| Tim  | Time Remaining: O nours 23 minutes 49 seconds   | 982  |
|--|---|--|
| 1. With online (s) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 1. With online courses you do not have daily contact with your professor. (s)                       | not have daily contact with your professor. Does this mean all online courses are self-paced? (1 point |
| %<br>د   |   | <del>086</del>   |
| 2. Match the f   | 2. Match the following terms with the correct definition. (3 point(s))                              |  |
|  | 1) This synchronous form of communication can take place with the entire class, a small group, or a |  |
| E-mail   | private meeting between my professor and me. In _ 986 this type of communication, everyone involved | 36   |
|  | (2) This is unhat I would use to contact a fallow   |  |
|  | student(s) and/or the professor, without the  |  |
| Syllabus   | message becoming a permanent part of the course.  |  |
| Online   | 3) My instructor may use one of these to  |  |
| Classroom  | communicate due dates for the course, and other course information.                                 |  |
| 2  |   |  |
| Exam Navigations<br>Click on the buttons                 | below to switch between exam sections. Clicking   | on the buttons will also store your answers.   |
| Store your an  | during exam. Submit for grading when you submit Exam For Grading Transfer 492.                      | are finished working on the exam.  |
|  |   |  |

ELECTRONIC EDITOR TOOL FOR EDUCATIONAL COURSES... Atty.Dkt.No. 11610.02 Customer No. 20686

## Administrative Pages

|  |  | 3<br>(4) (4) (4) (4) (4) (4) (4) (4) (4) (4)                       | eCollege_  | strative Pages   |  | istrative Message Center — 1006<br>Send a message — 1008<br>Send a message to a group of users via email or posting on the Personal Student Home Page; place a course block on |  | User reports — 1014 Search for users and view or edit data related to: Enrollment, Registration, Usage Logs, and Administrative Information. Course reports — 1015 | Review enrollment totals by course. View a list of the currently enrolled users. Adjust current enrolled student statuses.  University reports  Reports on the number of courses by enrollable area View user enrollment by enrollable area. View enrollments by | X          |
|--|--|--|--|--|--|--|--|--|--|------------|
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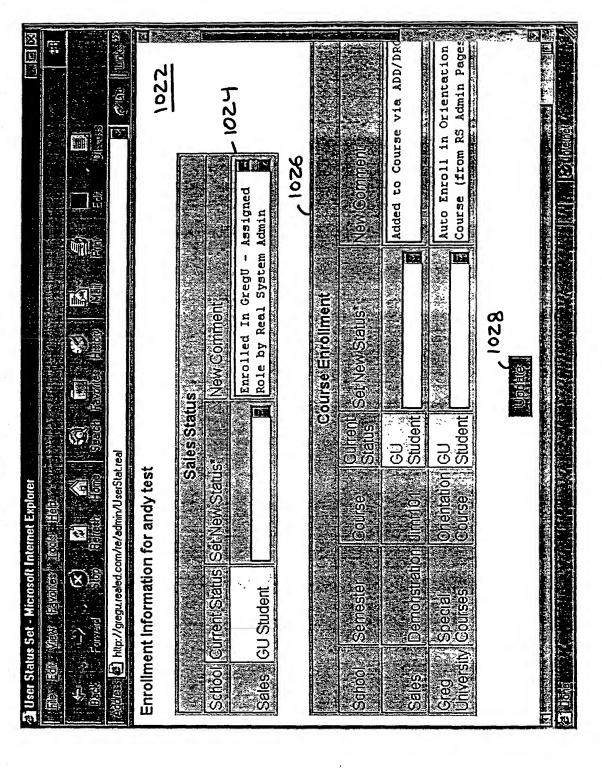
FIG. 3N

ELECTRONIC EDITOR TOOL FOR EDUCATIONAL COURSES... Atty.Dkt.No. 11610.02 Customer No. 20686

Administrative Pages - User Enrollment

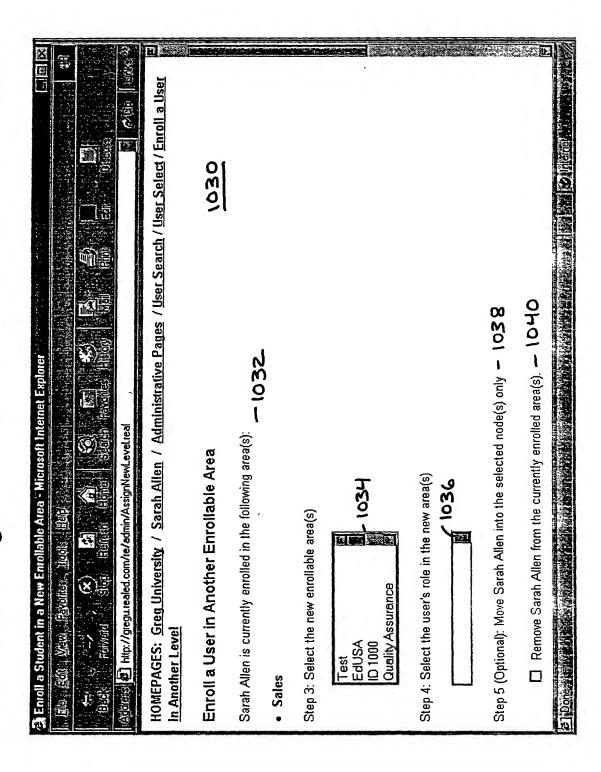
|            | No.   Color   Timesell   | 8101                  |                       |                 |                                 |                     |                        |                           |                       |
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| Î          | - Line   |                       |                       | We              |                                 |                     |                        |                           |                       |
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| v<br>I     | 7=28779  |                       | Ē                     | GU<br>Professor | SOF                             | )<br>10556          | GU<br>Şilideni         |                           |                       |
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| <b>₹</b> € | /UserSelec   | dificatio             | ducatio               | ທີ່ edu         | ecollege                        | non/t@ecollede com  | educati                | aleduote                  |                       |
|            | l Stop Jacifesto Homa, I Seatch (1937ailes) (1936)<br>egu.realed.com/re/admin/UserSelect.real/Type=enroll&47=28779 | alm@realeducation.com | alm@realeducation.com | ayoda@aptı edu  | anthonyt@ecollege.com           | inonvi@             | andy@realeducation.com | chriss@realedtiotation    |                       |
| 8          | sgu.realed.cc  | all all               |                       | ay)             | an                              | auli                | (au                    |                           | Courses               |
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FIG 30



F16.3P

# Administrative Pages - Enroll User in another Enrollable Area



F16. 3Q

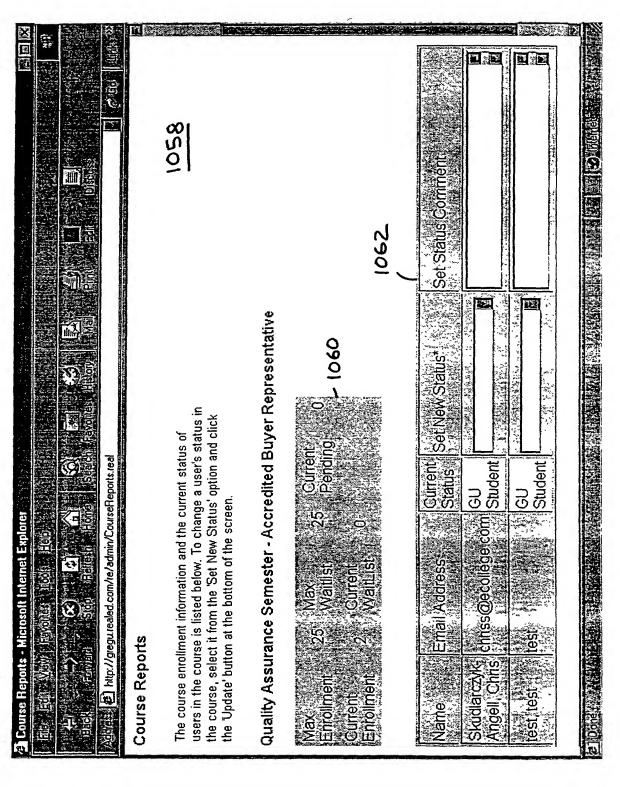
| 7.0                               |  |   |  |   |                                      |                         |                        |                           |                  |  |                           |   |                    |
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|                                   |  | 47=28779  |  | From Email Address (required for email me | ・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・ |                         | )                      |                           |                  |  | H RUS                     | 四 Sendithismessage as with page post*<br>图 sendithismessage as web page post* | WESenDINESSECTION  |
|                                   | inice) (Sing) vicina                                   | 1.com/re/admin/SendMessage.real?Type=0&47=28779 | Step 4: Review user selection list, compose and send message | Address                                   | Mescollege;com (Me                   | s@realed.com            | ccaw@realeducation.com | 6@realeducation.com       | yb@ecollege.com: | @realed com  | @realediconn =            | d@realeducation.com   | ri@heinemann.com   |
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|                                   |  |   | <del></del>  |   | <u>四</u> .                           | <u>ව</u><br>ව           | ( <u>)</u>             | <u>ο</u>                  | <u>. D</u>       | -D   | <b>D</b>                  | D &   | <u></u>            |

F16. 3R

## Administrative Pages - User Reports

|  | K Wall George   |  | User Reports                                       | Administrative Login   |                       | Orientation (1)                      | Orientation  |                         | d Role by Real   |                        |                                |                           |
|--|---|--|--|--|-----------------------|--------------------------------------|--|-------------------------|--|------------------------|--------------------------------|---------------------------|
|  |   | eCollege,  | / User Search / User Select / User Reports         | Registration History   Payment Information   Log   Full Detailed Report   Administrative Login | Comment               | SYSTEM Auto Enroll Basic Orientalion | GUStudent   SYSTEM Auto Enroll Basic Orientation   Auto Enroll in Orientation BS A |                         | Enfolled In GregU: Assigned Rale by Rea<br>System Admin  |                        |                                | 1056                      |
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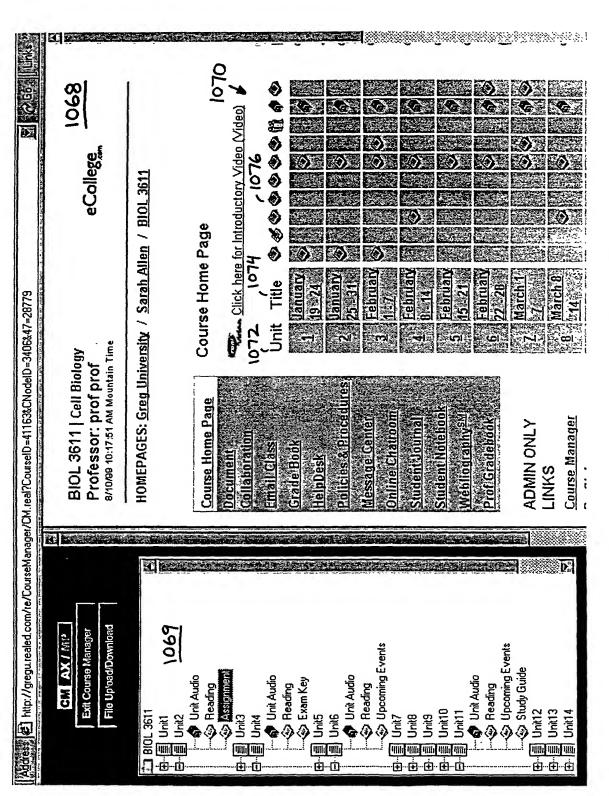
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## Administrative Pages - University Reports

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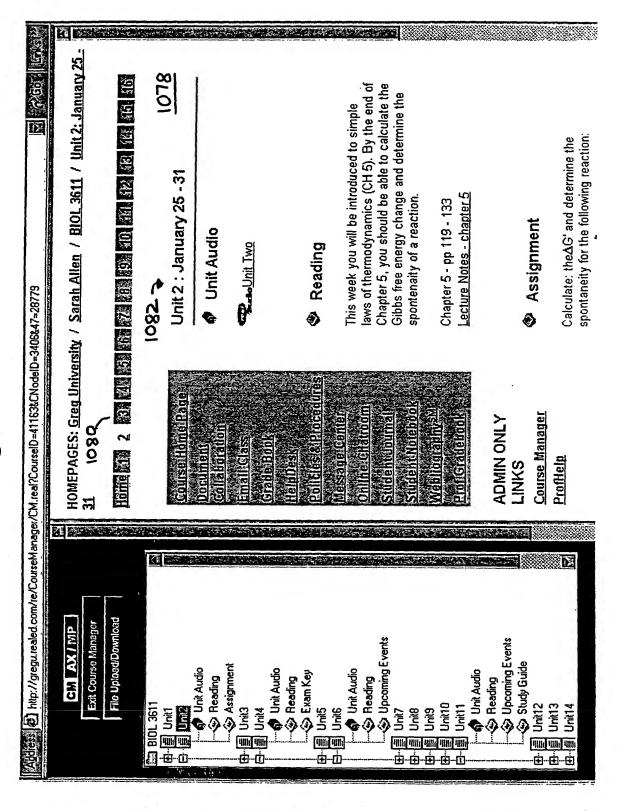
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### eCS 3.0 - Course Manager



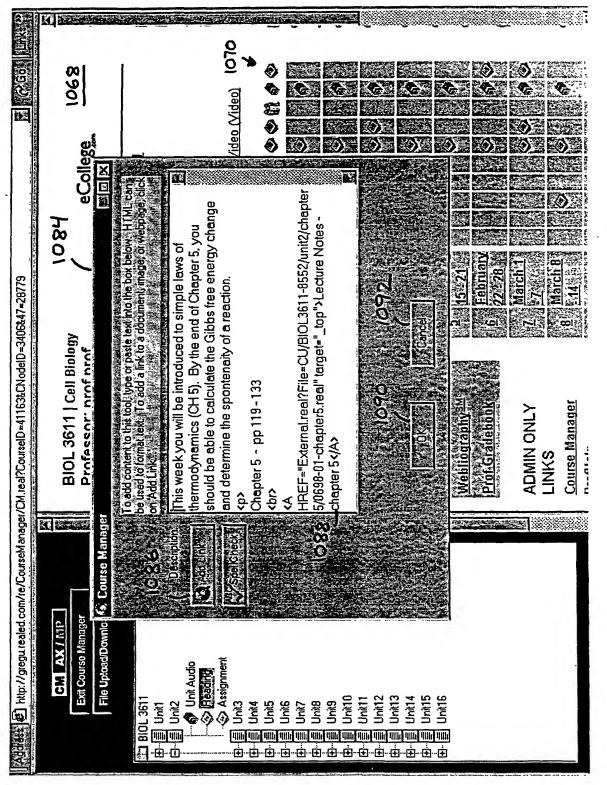
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## eCS 3.0 - Course Manager



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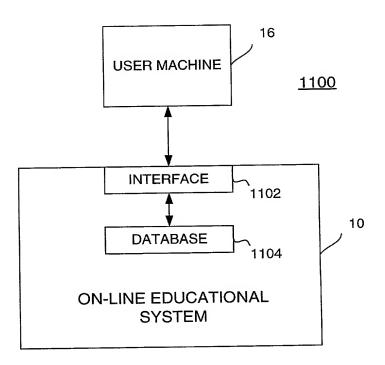
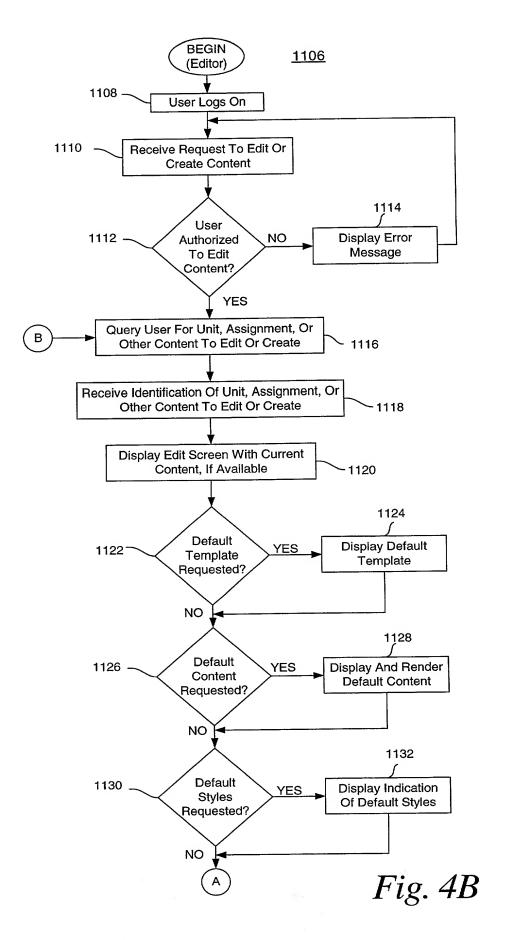


Fig. 4A

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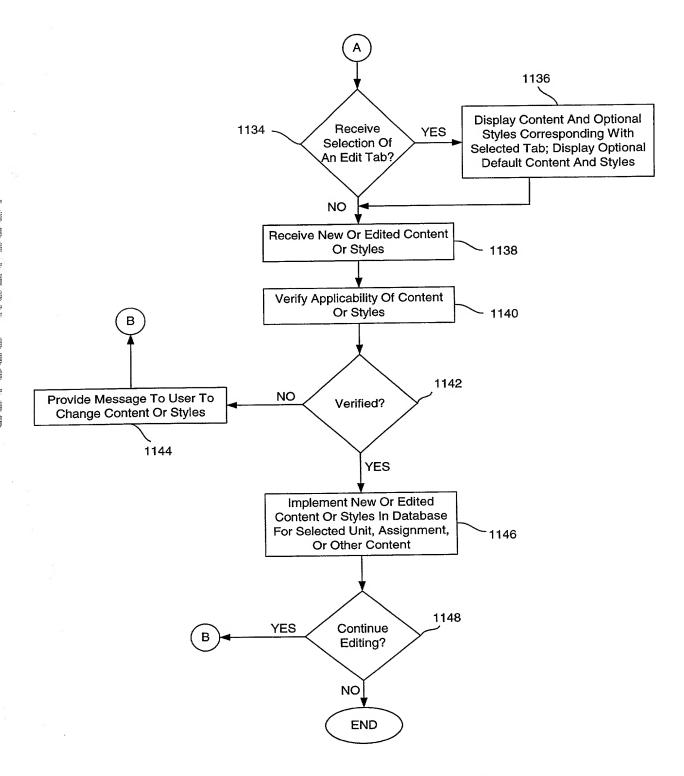


Fig. 4C

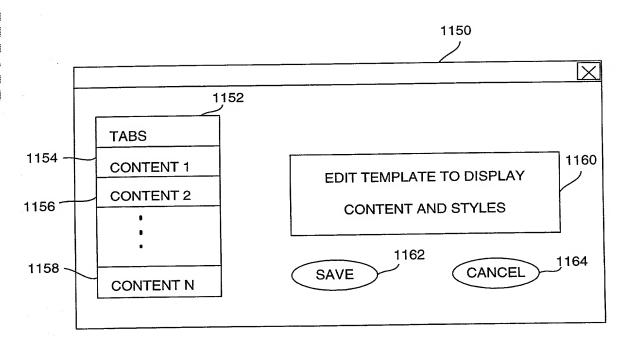


Fig. 4D